Title: ANTI-ANGIOGENIC PROTEINS AND...

entors: Raghuram Kalluri

## FIG. 1A

pET22b(+) forward primer:

5'-CGGGATCCT TCT GTT GAT CAC GGC TTC-3' (SEQ ID NO:3)

pET22b(+) reverse primer:

5'-CCCAAGCTT TGT TCT TCT CAT ACA GAC-3' (SEQ ID NO:4)

pPICZαA forward primer:

5'-TTCGGAATTC TCT GTT GAT CAC GGC TTC-3' (SEQ ID NO:15)

pPICZαA reverse primer:

5'-TGCTCTAGAGG TGT TCT TCT CAT ACA GAC TTG GCA-3' (SEQ ID NO:16)

5 10 tct gtt gat cac	15 2 <u>ggc ttc</u> c			35 cat agt	40 caa aca	45 ata
	60 6	5 70	75	80	85	90
95 100 tac tct ttg ctc				125 cgg gcc		135 cag
140 145 gac ttg ggc acg	150 15 gcc ggc a		165 cgc	170 aag ttc	175 agc aca	180 atg
185 190 ccc ttc ctg ttc	195 20 tgc aat a			215 tgc aac	220 ttt gca	225 tca
230 235 cga aat gac tac		5 250 gg ctg tcc		260 cct gag		270 ccc
275 280 atg tca atg gca	285 29 ccc atc a		300 aac	305 ata aga	310 cca ttt	315 att
320 325 agt agg tgt gct		ag gcg cct	gcc		atg gcc	
365 370 cac agc cag acc	att cag.at	tc cca ccg	tgc	395 ccc agc		405 tcc
	att cag.at 420 429 ggc tac to	tc cca ccg 5 430	tgc 435	ccc agc	ggg tgg 445	tcc 450
cac agc cag acc 410 415 tcg ctg tgg atc 455 460 gca gaa ggc tct	att cag.at 420 429 ggc tac to 465 470 ggc caa go	tc cca ccg 5 430 ct ttt gtg 0 475 cc ctg gcg	tgc 435 atg 480 tcc	ccc agc 440 cac acc 485 ccc ggc	ggg tgg 445 agc gct 490 tcc tgc	tcc 450 ggt 495 ctg
cac agc cag acc 410 415 tcg ctg tgg atc 455 460 gca gaa ggc tct 500 505 gag gag ttt aga	att cag.as 420 429 ggc tac to 465 470 ggc caa go 510 519 agt gcg co	tc cca ccg 5 430 ct ttt gtg 0 475 cc ctg gcg 5 520 ca ttc atc	tgc 435 atg 480 tcc 525 gag	ccc agc 440 cac acc 485 ccc ggc 530 tgt cac	ggg tgg 445 agc gct 490 tcc tgc 535	tcc 450 ggt 495 ctg 540 ggg
cac agc cag acc  410 415 tcg ctg tgg atc  455 460 gca gaa ggc tct  500 505 gag gag ttt aga  545 550 acc tgc aat tac	att cag.as 420 429 ggc tac to 465 470 ggc caa go 510 519 agt gcg co 555 560 tac gca as	tc cca ccg 5 430 ct ttt gtg 0 475 cc ctg gcg 5 520 ca ttc atc 0 565 ac gct tac	tgc 435 atg 480 tcc 525 gag 570 agc	ccc agc 440 cac acc 485 ccc ggc 530 tgt cac 575 ttt tgg	ggg tgg 445 agc gct 490 tcc tgc 535 ggc cgt 580 ctc gcc	tcc 450 ggt 495 ctg 540 ggg 585 acc
cac agc cag acc  410 415 tcg ctg tgg atc  455 460 gca gaa ggc tct  500 505 gag gag ttt aga  545 550 acc tgc aat tac  590 595 ata gag agg agc	att cag.as 420 425 ggc tac to 465 476 ggc caa go 510 515 agt gcg co 555 566 tac gca as 600 605 gag atg to	tc cca ccg 5 430 ct ttt gtg 0 475 cc ctg gcg 5 520 ca ttc atc 0 565 ac gct tac 5 610 tc aag aag	tgc 435 atg 480 tcc 525 gag 570 agc 615 cct	200 agc 440 200 acc 485 200 ggc 530 200 tgt cac 575 200 620	ggg tgg  445 agc gct  490 tcc tgc  535 ggc cgt  580 ctc gcc  625 tcc acc	tcc 450 ggt 495 ctg 540 ggg 585 acc 630
cac agc cag acc  410 415 tcg ctg tgg atc  455 460 gca gaa ggc tct  500 505 gag gag ttt aga  545 550 acc tgc aat tac  590 595	att cag at 420 422 ggc tac to 465 476 ggc caa gc 510 515 agt gcg cc 555 566 tac gca ac 600 605 gag atg tt 645 .656	tc cca ccg 5 430 ct ttt gtg 0 475 cc ctg gcg 5 520 ca ttc atc 0 565 ac gct tac 5 610 tc aag aag 0 655	tgc 435 atg 480 tcc 525 gag 570 agc 615 cct 660	200 agc 440 200 acg 200 acg 240 240 2575 2575 2575 2575 2575 2575 2575 257	999 tyg 445 agc gct 490 tcc tgc 535 ggc cgt 580 ctc gcc 625 tcc acc 670	tcc 450 ggt 495 ctg 540 ggg 585 acc 630 ttg

ֆո**ե** M M ļ., k **[**] Docket No.: 1440.1027-016

Title: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

# FIG. 1B

SVD HGF LVT RHS QTI DDP QCP SGT KIL YHG YSL LYV QGN ERA HGQ DLG TAG SCL RKF STM PFL FCN INN VCN FAS RND YSY WLS TPE PMP MSM API TGE NIR PFI SRC AVC EAP AMV MAV HSQ TIQ IPP CPS GWS SLW IGY SFV MHT SAG AEG SGQ ALA SPG SCL EEF RSA PFI ECH GRG TCN YYA NAY SFW LAT IER SEM FKK PTP STL KAG ELR THV SRC QVC MRR T

(SEQ ID NO:2)

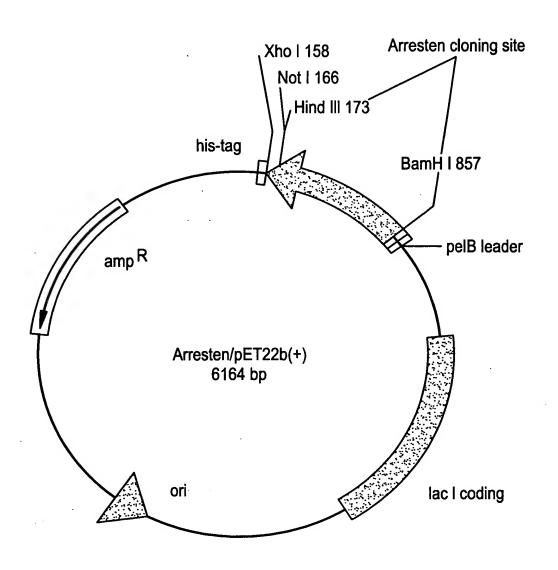
M

 Docket No.: 1440.1027-016

Title: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

FIG. 2



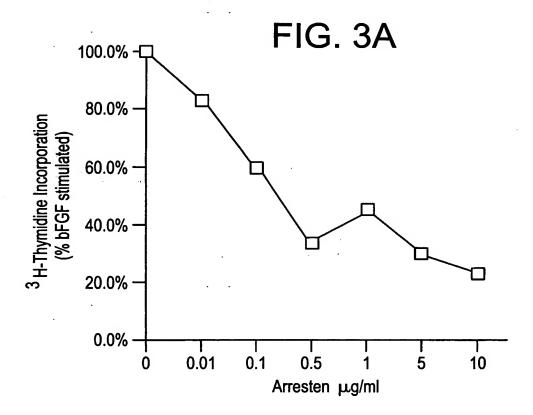
Forward primer: 5'-cgggatccttctgttgatcacggcttc-3'

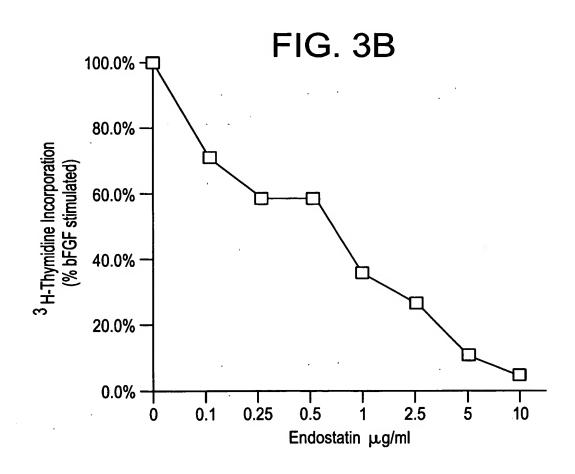
Reverse primer: 5'-cccaagctttgttcttctcatacagac-3'

ANTI-ANGIOGENIC PROTEINS AND.

ntors: Raghuram Kalluri







 Title: ANTI-ANGIOGENIC PROTEINS AN

nventors: Raghuram Kalluri

FIG. 4A

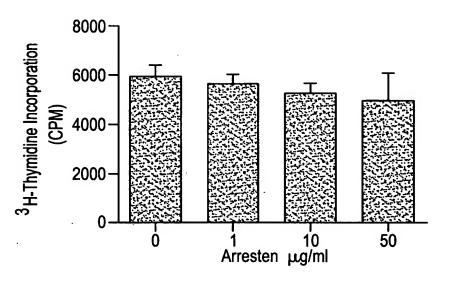
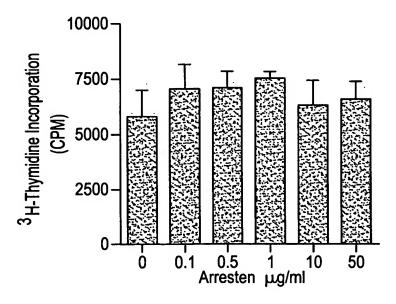


FIG. 4B



the state of the s thru there eethe but a selfntors: Raghuram Kalluri

FIG. 4C

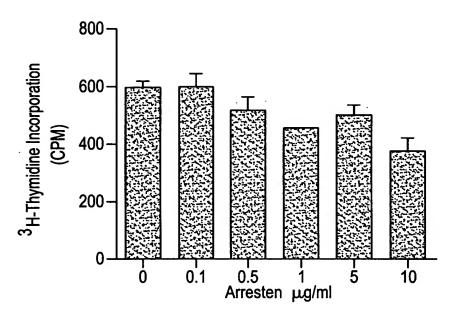
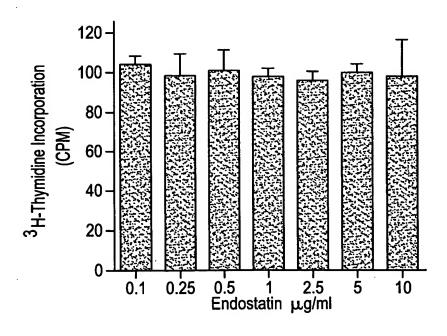


FIG. 4D



after the first than the first than

Title: ANTI-ANGIOGENIC PROTE

Inventors: Raghuram Kalluri



Control

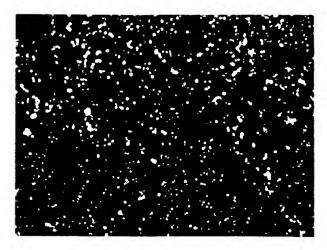


FIG. 5B

Arresten 2 μg/ml

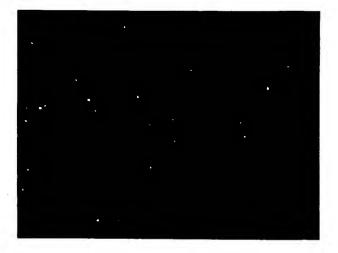
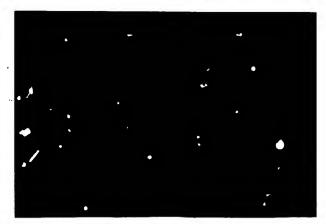


FIG. 5C

Endostatin 20 μg/ml



at many many at owns at

Docket No.: 1440.1027-016

te: ANTI-ANGIOGENIC PROTEINS AND...

ntors: Raghuram Kalluri



FIG. 6

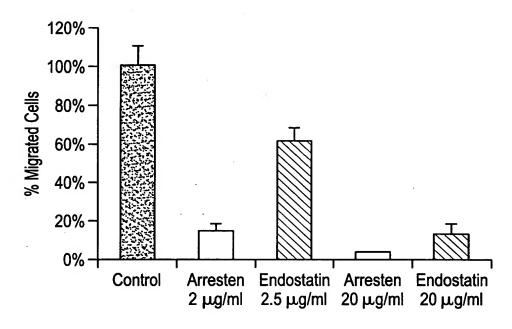
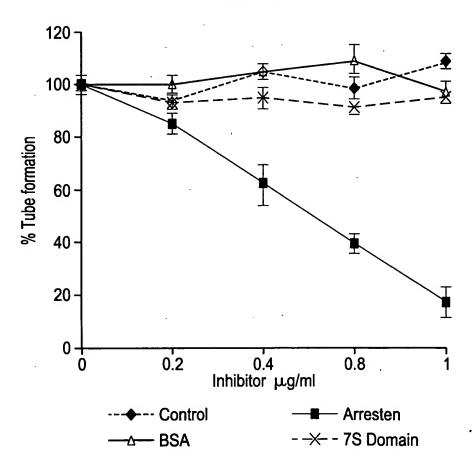


FIG. 7



Title: ANTI-ANGIOGENIC PROTEIN: D...

Inventors: Raghuram Kalluri

FIG. 8A

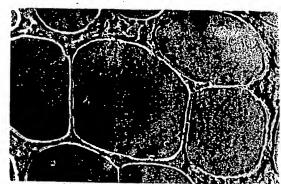
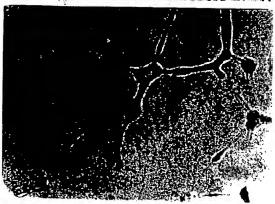


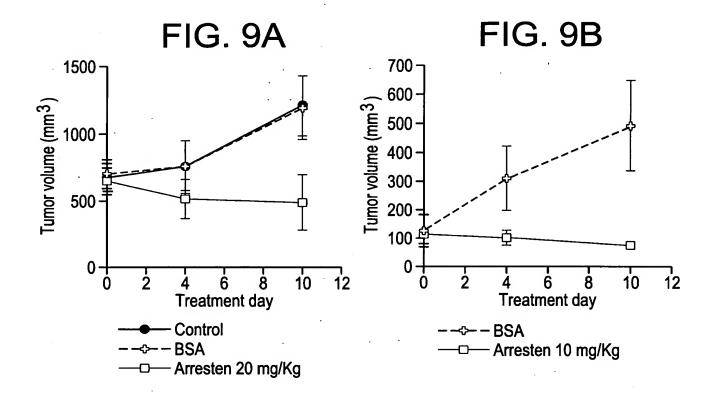
FIG. 8B

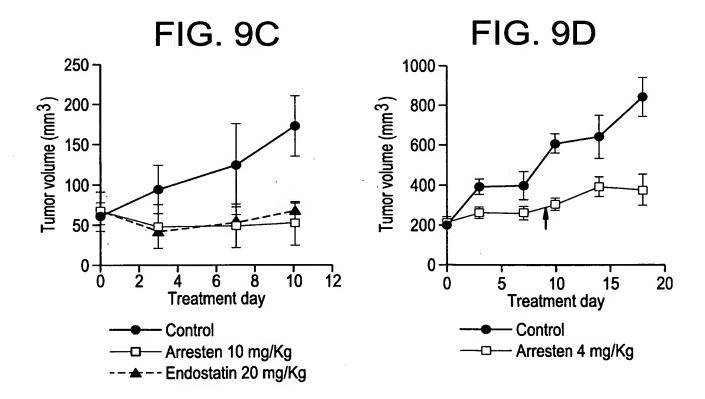
74

ļ...i



Docket No.: 1440.1027-016
Tiere: ANTI-ANGIOGENIC PROTEINS AND...
ttors: Raghuram Kalluri





e: ANTI-ANGIOGENIC PROTEINS AND...

ntors: Raghuram Kalluri

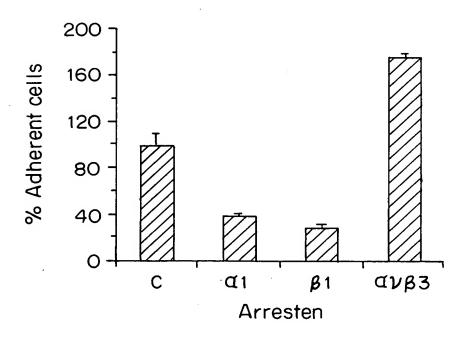


FIG. IOA

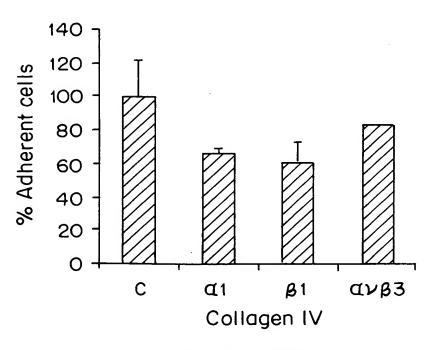


FIG. IOB

E: ANTI-ANGIOGENIC PROTEINS AND...

htors: Raghuram Kalluri

## FIG. 11A

pET22b(+) forward primer:

5'-CGGGATCCT GTC AGC ATC GGC TAC CTC-3' (SEQ ID NO:7)

pET22b(+) reverse primer:

5'-CCCAAGCTT CAG GTT CTT CAT GCA CAC-3' (SEQ ID NO:8)

pPICZαA forward primer:

5'-TTCGGAATTC GTC AGC ATC GGC TAC CTC CTG-3' (SEQ ID NO:17)

pPICZαA reverse primer:

5'-GGGGTACCCC CAG GTT CTT CAT GCA CAC CTG G-3' (SEQ ID NO:18)

	5		10	15					30			4		45
gtc								aag		agc				
gag	50 ccc			60 ccg	gtg		atg	70 aac	75 aaa	ctc	80 tgg		35 gga	90 tac
	95		00	105	:			15					3 0	135
agc	ctg	ctg	tac	ttc	gag	ggc	cag	gag	aag	gcg	cac	aac	cag	gac
	140 ggg		45 gcg	150 ggc		155 tgc		gcg 60	165 cgg		170 agc		75 atg	180 ccc
]	185	1 9	90	195	2	200	2	05	210	2	215	22	20	225
ttc	ctg	tac	tgc	aac	cct	ggt	gat	gtc	tgc	tac	tat	gcc	agc	cgg
_	230		35	240		245		50	255		260		55	270
								acc						
		28 ata		285 gag		290 qaq		95 aag			305 atc		cac 10	315 tgt
_			25	330				40			350		55	360
								gcc						
3	365	3,	70	375	3	380	3	85	390	3	395	4 (	0.0	405
gat	gtc	tcc	atc	cca	cac	tgc	cca	gct	ggg	tgg	cgg	agt	ttg	tgg
		4		420				30			140		15	450
atc	gga	tat	tcc	ttc	ctc	atg	cac	acg	gcg	gcg	gga	gac	gaa	ggc
	155		50	465	. 4			75	480		185		90	495
				_				ggc	_	_				
	500		05		25.0			20			530		35	540
								aat						tgc
	545 tac		acc 20	555 aac		, , ,		65 ttc	570 taa		575 acc		30 att	585 ccc
	590		95	600	6		_	10	615	_	520		25	630
_			_					tcc						
$\epsilon$	35	64	10	645	$\epsilon$	550	6	55	660	6	565	67	70	675
ggc	ctc	atc	cgc	aca	cac	atc	agc	cgc	tg <u>c</u>	cag	gtg	tgc	atg	aag
$\epsilon$	80													
				OPO I	D 110	>								

aac ctq tga (SEQ ID NO:5)

Title: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

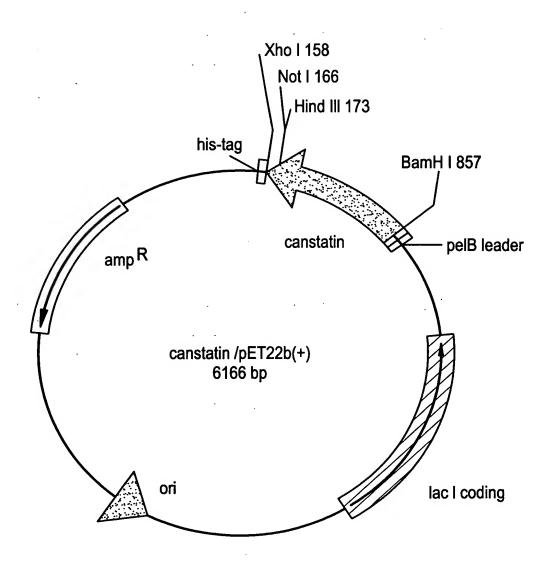
## FIG. 11B

VSI GYL LVK HSQ TDQ EPM CPV GMN KLW SGY SLL YFE GQE KAH NQD LGL AGS CLA RFS TMP FLY CNP GDV CYY ASR NDK SYW LST TAP LPM MPV AED EIK PYI SRC SVC EAP AIA IAV HSQ DVS IPH CPA GWR SLW IGY SFL MHT AAG DEG GGQ SLV SPG SCL EDF RAT PFI ECN GGR GTC HYY ANK YSF WLT TIP EQS FQG SPS ADT LKA GLI RTH ISR CQV CMK (SEQ ID NO:6) NL

e: ANTI-ANGIOGENIC PROTEINS AND...

ntors: Raghuram Kalluri





Forward primer: 5'-cgggatcctgtcagcatcggctacctc-3'

Reverse primer: 5'-cccaagcttcaggttcttcatgcacac-3'

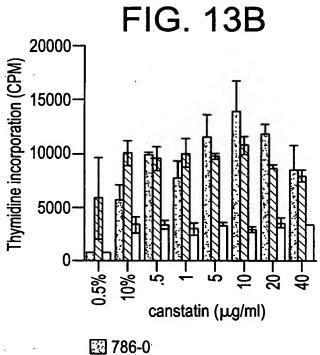
and man

IJ

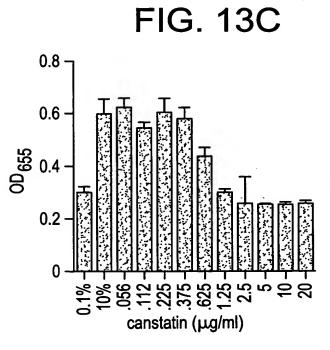
: ANTI-ANGIOGENIC PROTEINS AND.

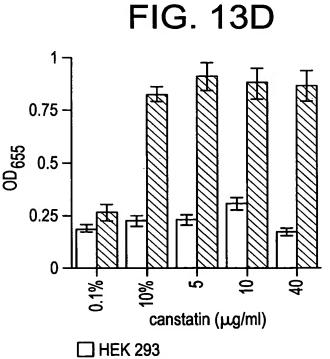
ntors: Raghuram Kalluri





☐ PC-3 ☐ HEK 293





☑ PC-3

tle: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

FIG. 14

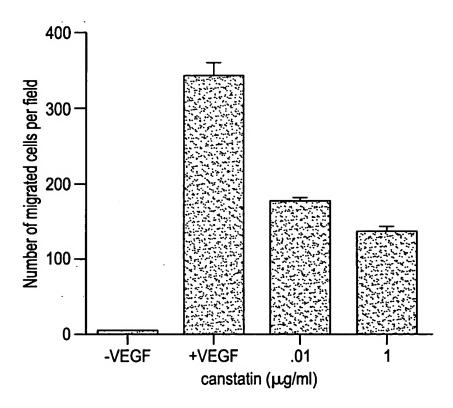
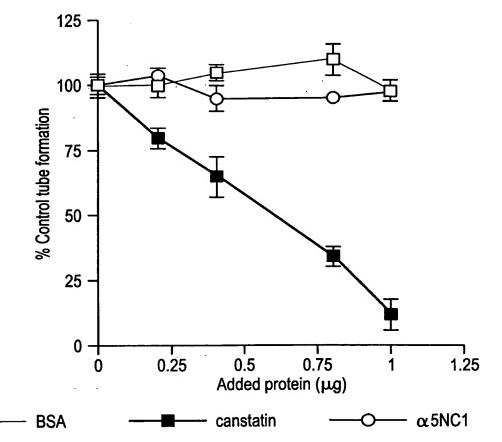


FIG. 15



e: ANTI-ANGIOGENIC PROTEINS AND... entors: Raghuram Kalluri

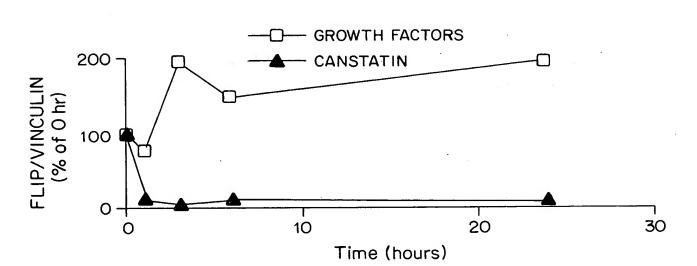


FIG. 16

113

Print Print

itle: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

FIG. 17A

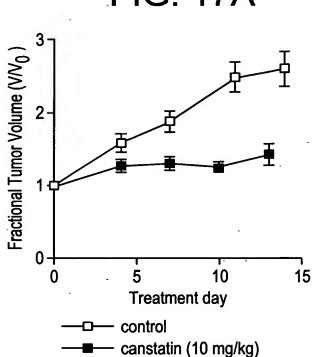


FIG. 17B

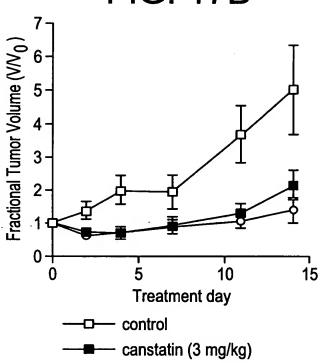


FIG. 17C

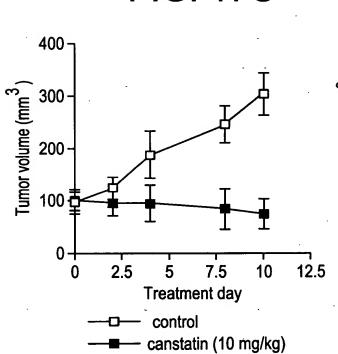
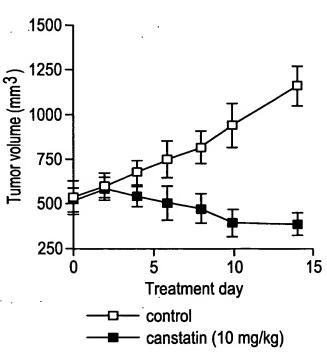


FIG. 17D

endostatin (8 mg/kg)



Title: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

#### FIG. 18A

pET22b(+) forward primer:

5'-CGGGAT <u>CCA GGT TTG AAA GGA AAA CGT</u>-3' (SEQ ID NO:11)

pET22b(+) reverse primer:

5'-CCCAAGCTT TCA GTG TCT TTT CTT CAT-3' (SEQ ID NO:12)

5 10 cca ggt ttg aaa	15 20 a qqa aaa cqt			40 cct qca	45 acc
	60 65	70	75 80	85	90
95 100 gca att cct tca	105 110	115	120 125	130	135
140 145 ttt tct ttt ctt				175 cac gga	180 caa
185 190 gac ctt gga act	195 200 ctt ggc agc		210 215 cag cga ttt	220 acc aca	225 atg
230 235 cca ttc tta ttc			255 260 gta tgt aat	265 ttt gca	270 tct
275 280 cga aat gat tat			300 305 aca cca gct		315 cca
320 325 atg aac atg gct			345 350 gcc ctt gag		360 ata
365 370 agc aga tgc act			390 395 gcg atc gcc		405 gtt
410 415 cac agc caa acc			435 440 tgt cct cac	445 ggc tgg	450 att
455 460 tct ctc tgg aaa	465 470 gga ttt tca		480 485 atg ttc aca	490 agt gca	495 ggt
500 505 tot gag ggc acc	510 515 ggg caa gca		525 530 tcc cct ggc		540 ctg
545 550 gaa gaa ttc cga			570 575 gaa tgt cat	580 gga aga	585 gga
590 595 acg tgc aac tac				625 ctg gct	630 tca
635 640 tta aac cca gaa	645 650 aga atg ttc		660 665 cct att cca	670 tca act	675 gtg
680 685 aaa gct ggg gaa		700 ata ata		715 cag gtg	720 tgc
725 730 atg aag aaa aga		(SEQ ID NO	):9)		

pET22b-α3(IV) NC1 = nucleotides 4 through 735 Tumstatin 333 = nucleotides 4 through 375 Tumstatin 334 - nucleotide 376 through 735

Title: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri

## FIG. 18B

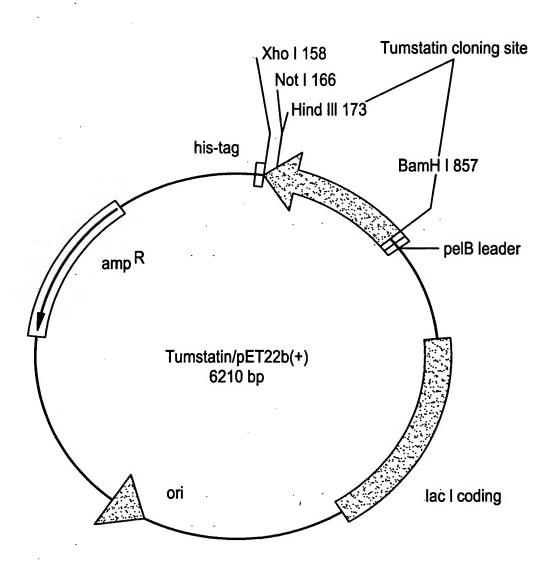
PGL KGK RGD SGS PAT WTT RGF VFT RHS QTT AIP SCP EGT VPL YSG FSF LFV QGN QRA HGQ DLG TLG SCL QRF TTM PFL FCN VND VCN FAS \*+ RND YSY WLS TPA LMP MNM API TGR ALE PYI SRC TVC EGP AIA IAV HSQ TTD IPP CPH GWI SLW KGF SFI MFT SAG SEG TGQ ALA SPG SCL EEF RAS PFL ECH GRG TCN YYS NSY SFW LAS LNP ERM FRK PIP STV (SEQ ID NO:10) KAG ELE KII SRC QVC MKK RH

pET22b α3(IV) NC1 = residues 2 through 245 Tumstatin 333 = residues 2 through 125 Tumstatin 334 = residues 126 through 245

e: ANTI-ANGIOGENIC PROTEINS AND...

entors: Raghuram Kalluri

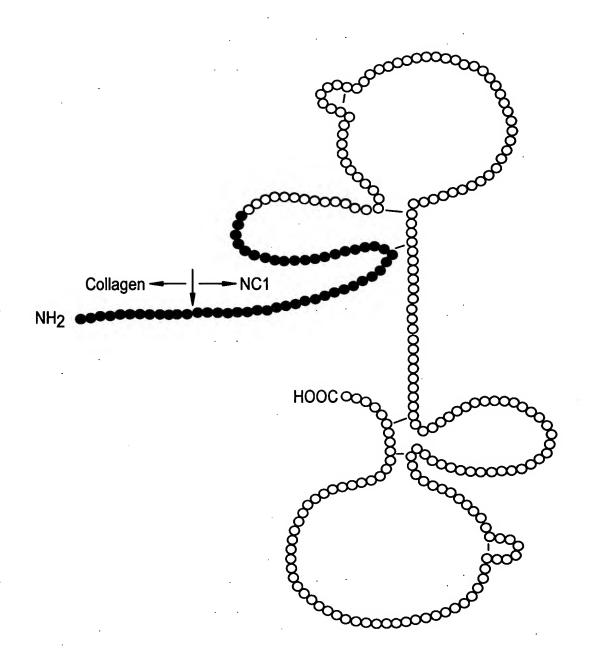
FIG. 19



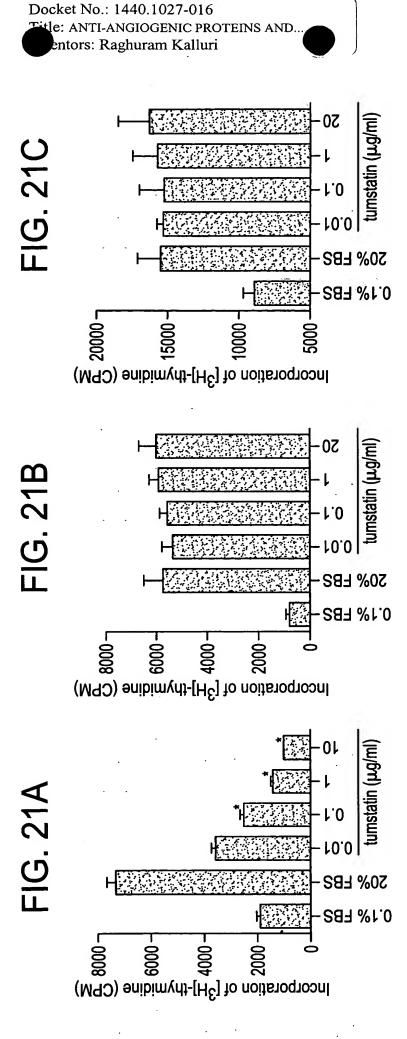
Title: ANTI-ANGIOGENIC PROTEINS AN

inventors: Raghuram Kalluri

FIG. 20



41



Title: ANTI-ANGIOGENIC PROTEINS AND

nventors: Raghuram Kalluri

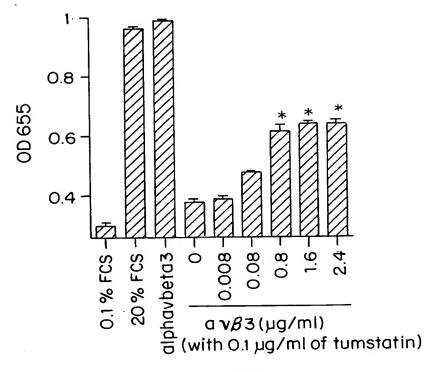
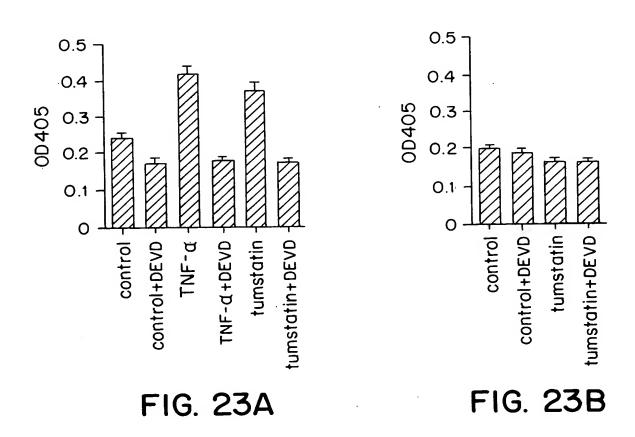


FIG. 22



Title: ANTI-ANGIOGENIC PROTEINS AND

hventors: Raghuram Kalluri

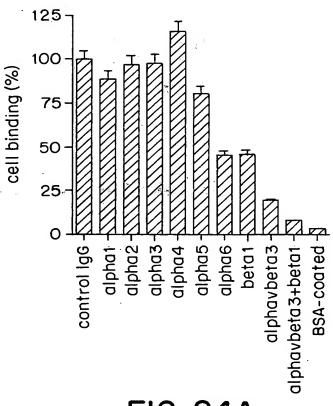


FIG. 24A

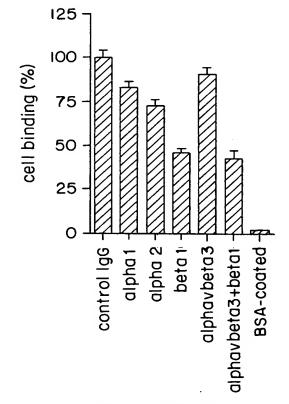
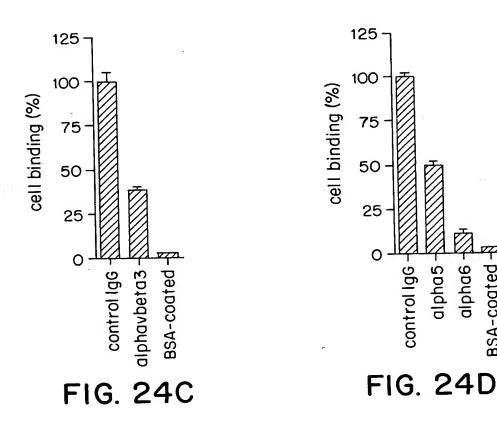


FIG. 24B

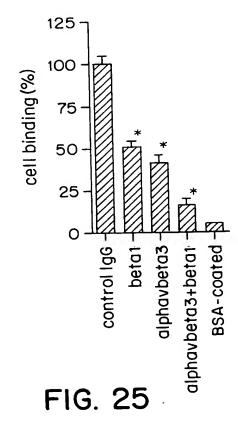
itle: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri



alpha6 -

BSA-coated



tumstatin (6 mg/Kg) FIG. 27B ——— control 400+ 009 800 Tumor volume (mm3) tumstatin (20 mg/kg) FIG. 27A Freatment day ---- control 3007 Tumor volume (mm<sup>3</sup>) - tumstatin BSA —— o − 7S (%) noitsemnot edut ortiv nl **125**1

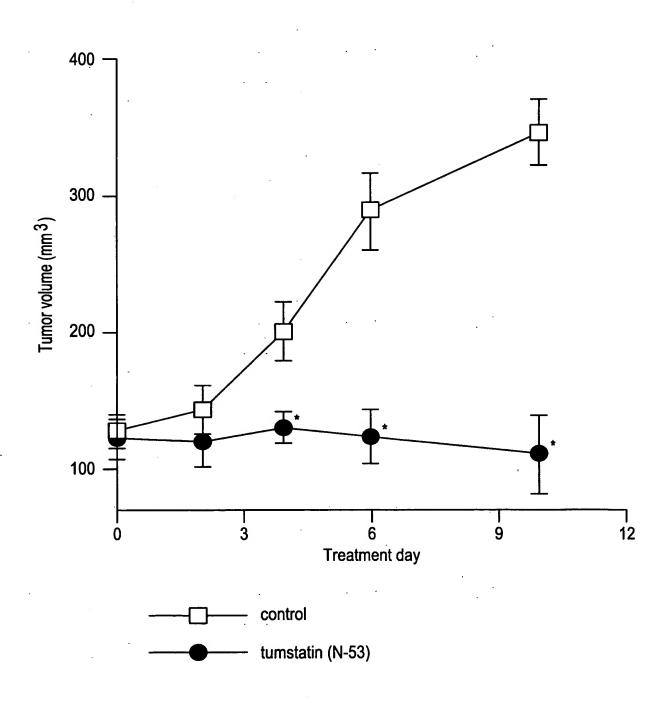
Docket No.: 1440.1027-016

Inventors: Raghuram Kalluri

Title: ANTI-ANGIOGENIC PROTEINS AN

tle: ANTI-ANGIOGENIC PROTEINS AND. ventors: Raghuram Kalluri

FIG. 28



e: ANTI-ANGIOGENIC PROTEINS AND...

entors: Raghuram Kalluri

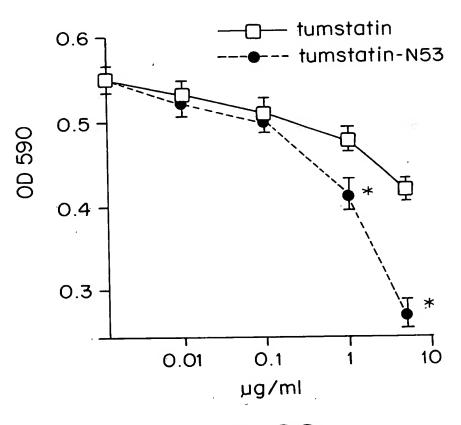
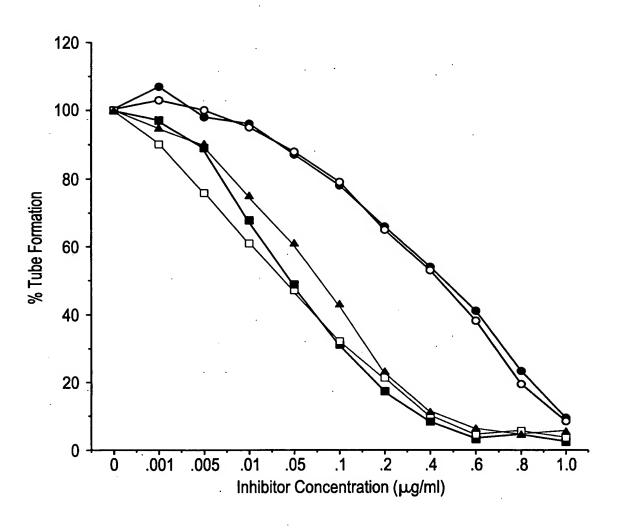


FIG. 29

Title: ANTI-ANGIOGENIC PROTEINS AN

inventors: Raghuram Kalluri

FIG. 30

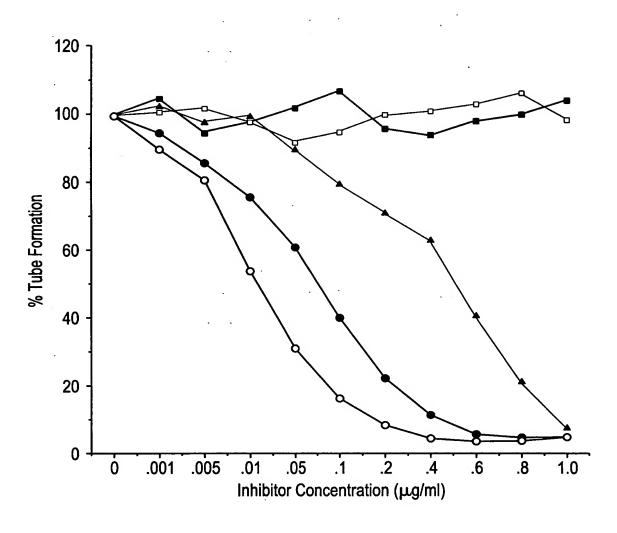


- --- Arresten
- —o— Canstatin
- → 12 kDa fragment of Arresten
- 8 kDa fragment of Arresten
- → 10 kDa fragment of Canstatin

Title: ANTI-ANGIOGENIC PROTEINS AND.

entors: Raghuram Kalluri

FIG. 31



── Tumstatin Fragment 333 ·

Tumstatin Fragment 334

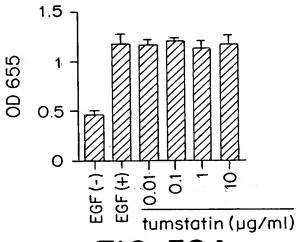
BSA

⊸- α6

─ Tumstatin

Title: ANTI-ANGIOGENIC PROTEINS AN

Inventors: Raghuram Kalluri



**FIG. 32A** 

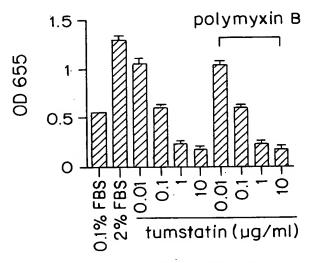


FIG. 32B

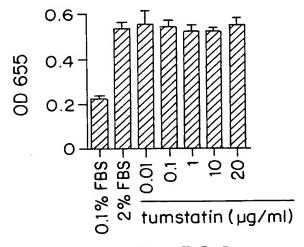


FIG. 32C

Title: ANTI-ANGIOGENIC PROTEINS AN

Inventors: Raghuram Kalluri

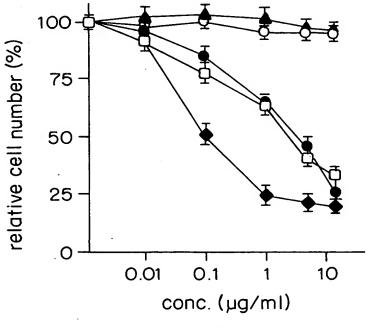


FIG. 33A

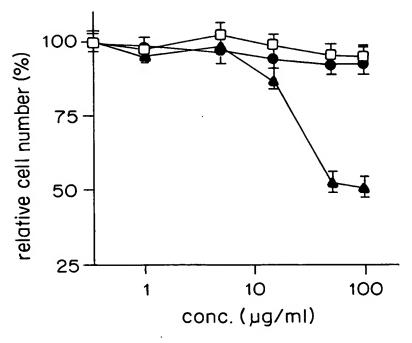
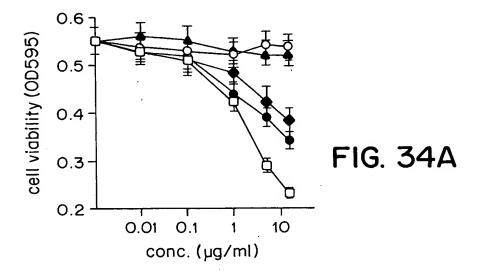
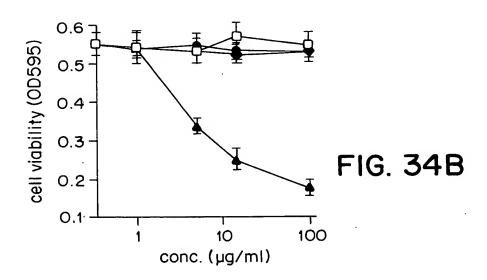


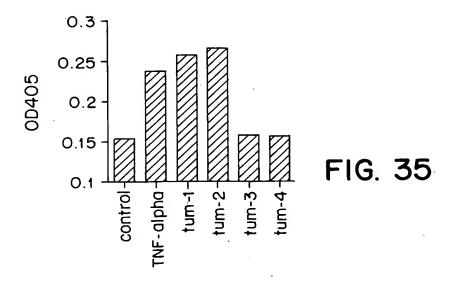
FIG. 33B

Title: ANTI-ANGIOGENIC PROTEINS AND...

entors: Raghuram Kalluri







Title: ANTI-ANGIOGENIC PROTEINS AND

entors: Raghuram Kalluri

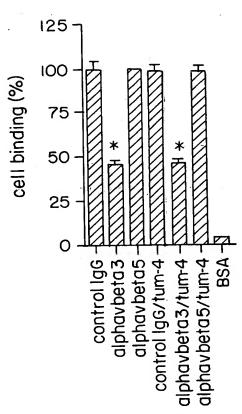
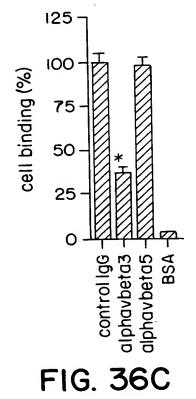


FIG. 36A



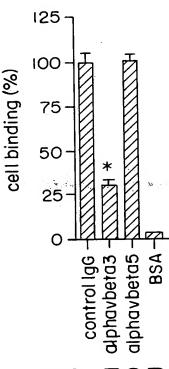


FIG. 36B

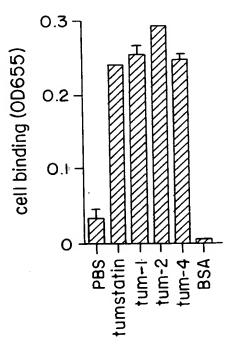
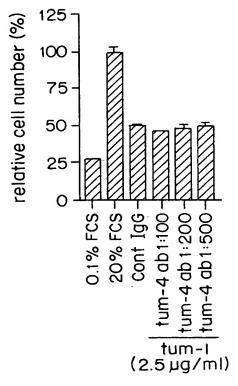


FIG. 37

Title: ANTI-ANGIOGENIC PROTEINS AND

ventors: Raghuram Kalluri



**FIG. 38A** 

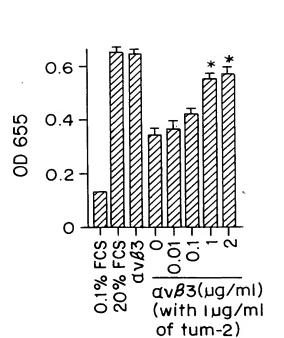


FIG. 38C

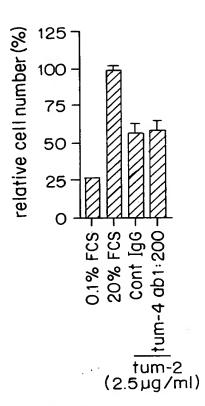


FIG. 38B

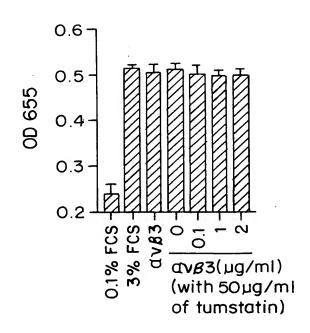


FIG. 38D

e: ANTI-ANGIOGENIC PROTEINS AND...

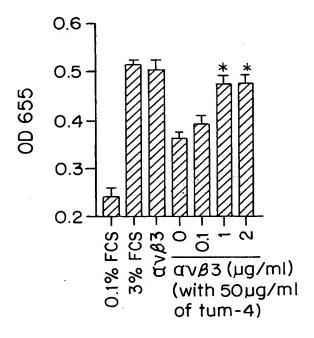


FIG. 38E

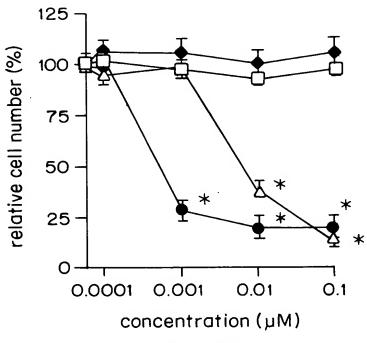
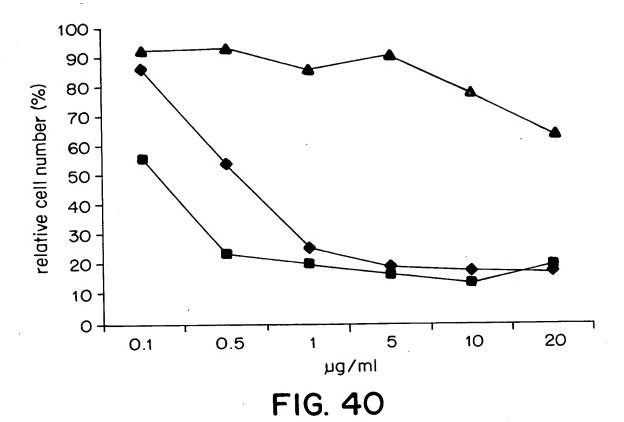
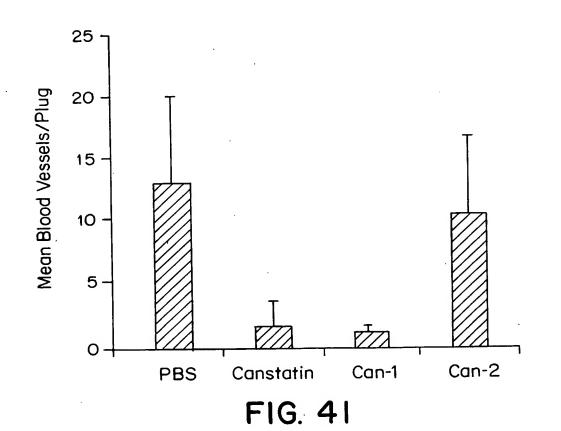


FIG. 39

Title: ANTI-ANGIOGENIC PROTEINS AND





ting ting, it down in the first the first the Name House suffer break cultic

Docket No.: 1440.1027-016
Title: ANTI-ANGIOGENIC PROTEINS AND hventors: Raghuram Kalluri

## FIG. 42

	<u>T1</u>	GP-A
PGLKGK <b>RG</b>	<b>D</b> SGSPATWTTRGFVFTRHS	SQT <b>TAIPSCPEGTVPLY</b>
		Т3
	Т2	<b>T4</b>
SGFSFLFV	QGNQRAHGQDLGTLGSCLQ	QRFTTMPFLFCNVNDVC
<u>T3</u>	<b>T</b> 5	
T	4	<b>T</b> 6
NFASRNDY	SYWLSTPALMPMNMAPITO	GRALEPYISRCTVCEGP
<b>T</b> 6	GP-B	
AIAIAVHS	QT <b>TDIPPCPHGWISLW</b> KGF	FSFIMFTSAGSEGTGQA
LASPGSCL	EEFRASPFLECHGRGTCNY	YYSNSYSFWLASLNPER
MERKPIPS	TVKAGELEKTISRCOVCMK	KRH

tle: ANTI-ANGIOGENIC PROTEINS AND

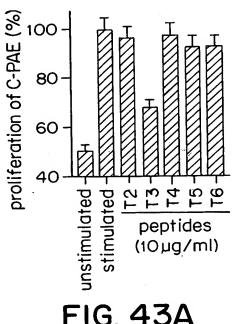


FIG. 43A

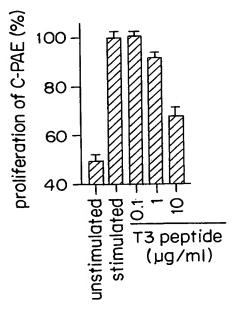


FIG. 43B

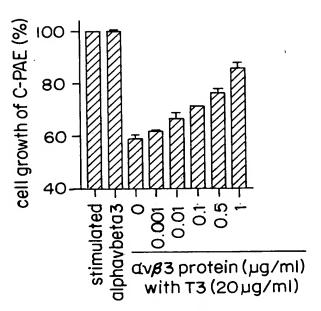


FIG. 43C

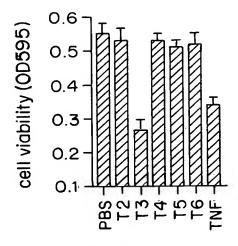


FIG. 43D

tle: ANTI-ANGIOGENIC PROTEINS AND

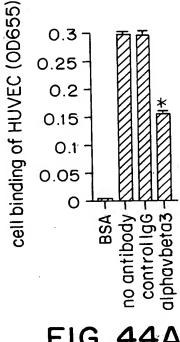


FIG. 44A

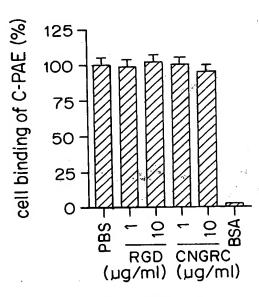


FIG. 44B

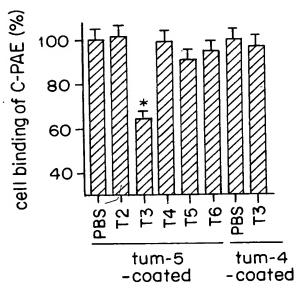


FIG. 44C

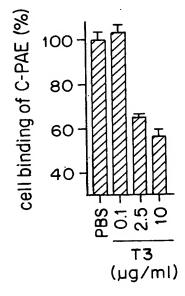


FIG. 44D

Title: ANTI-ANGIOGENIC PROTEINS AND

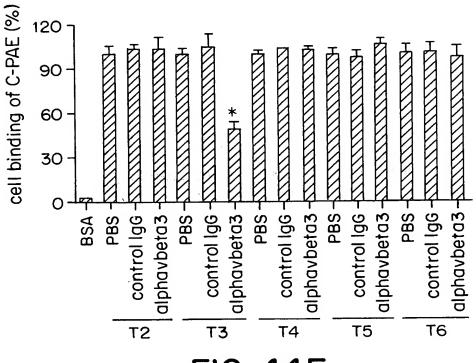
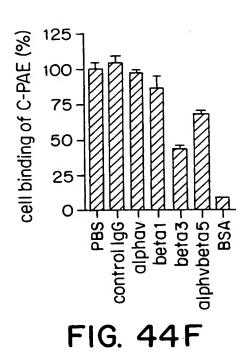


FIG. 44E



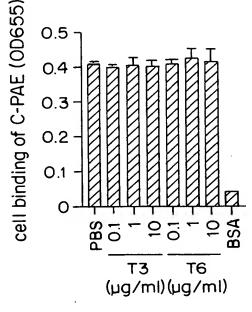
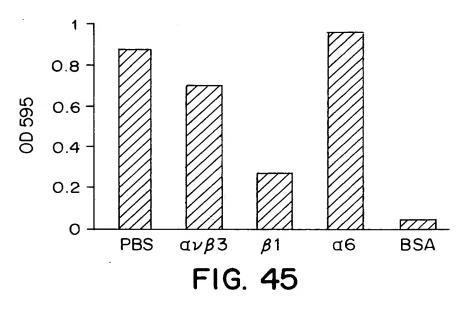
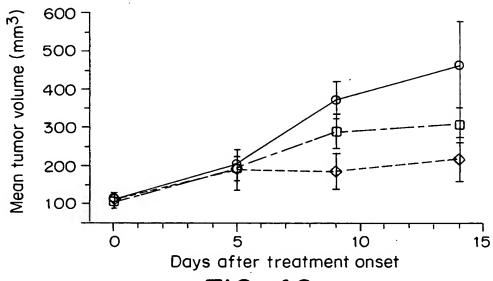
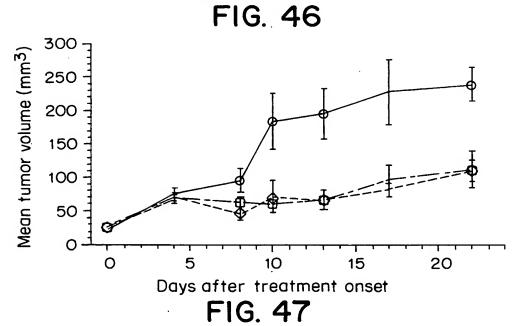


FIG. 44G

Title: ANTI-ANGIOGENIC PROTEINS AND







Title: ANTI-ANGIOGENIC PROTEINS AND

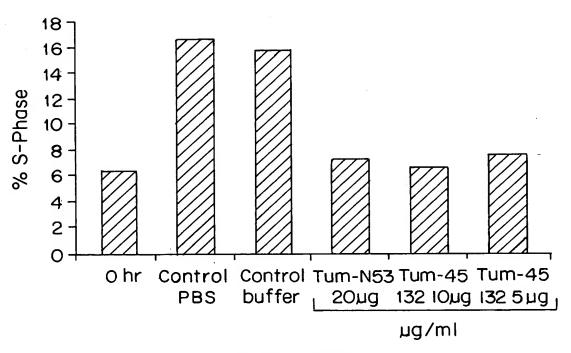
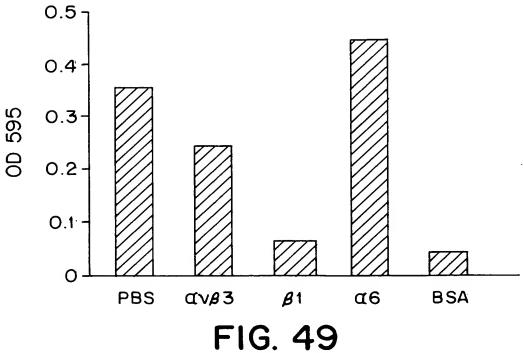


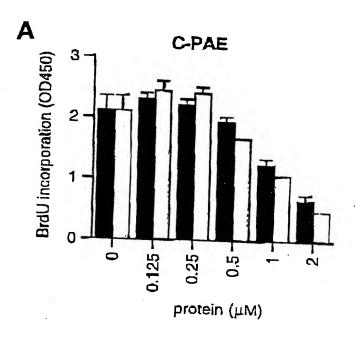
FIG. 48



Docket No.: 1440.1027-016

Title: ANTI-ANGIOGENIC PROTEINS A

Fig. 50



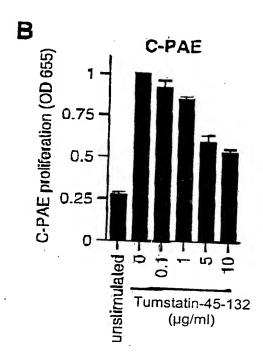
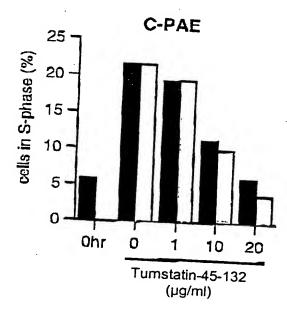
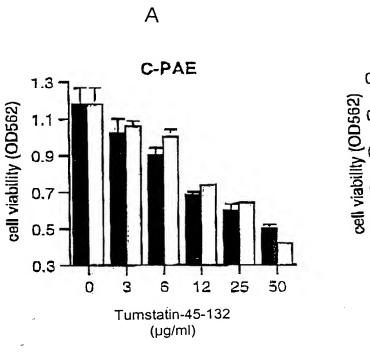


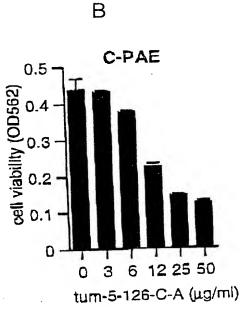
Fig. 51

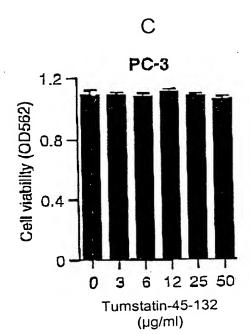


Title: ANTI-ANGIOGENIC PROTEINS AN

Fig. 52







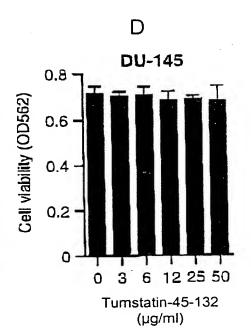
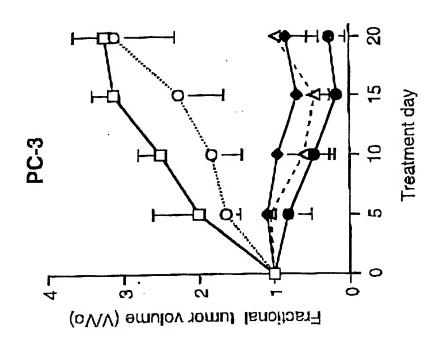
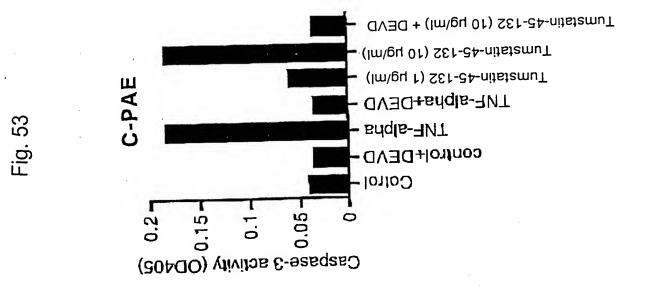


Fig. 54

after the theory which their softs





C-PAE cell number (%) 75 Fig. 56 Fig. 57 ASB **թ-աղ** 91 ST (10 µg/ml) 71 ET TZ 289 11 PBS H 0유 (%) Brinding (%) 8 8 8 8 4 8 Fig. 55B Fig. 55A

C-PAE cell number (%)

C-PAE (%)

C-P

Inventors: Raghuram Kalluri

Title: ANTI-ANGIOGENIC PROTEINS A

Docket No.: 1440.1027-016
Title: ANTI-ANGIOGENIC PROTEINS AND Iventors: Raghuram Kalluri

Fig. 58A

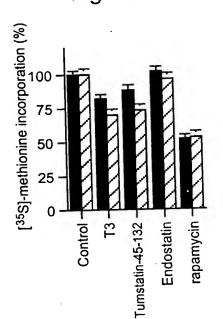


Fig. 58B

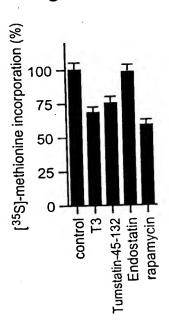


Fig. 58C

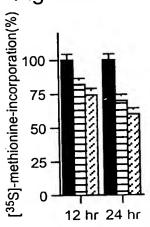
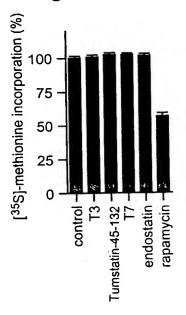
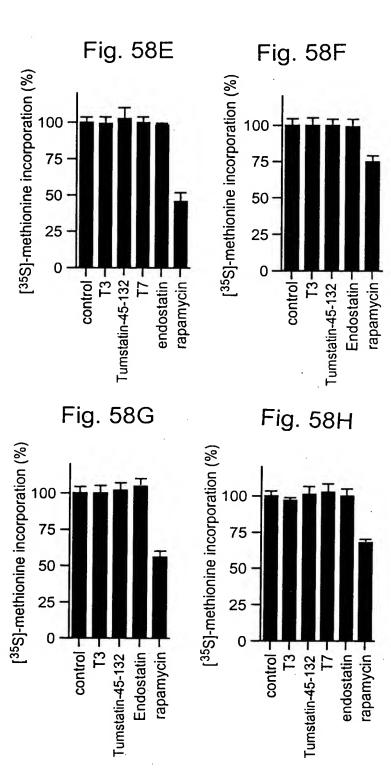


Fig. 58D



Title: ANTI-ANGIOGENIC PROTEINS AND



Docket No.: 1440.1027-016
Title: ANTI-ANGIOGENIC PROTEINS AN
Inventors: Raghuram Kalluri

Fig. 59A

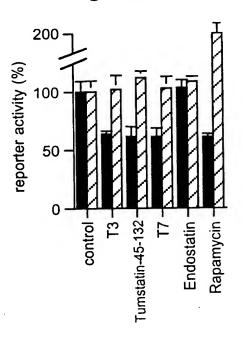


Fig. 59B 100 reporter activity (%) 75 50 25 0 T3 control -Endostatin -Rapamycin -Tumstatin-45-132 -

Title: ANTI-ANGIOGENIC PROTEINS AN

Fig. 60A

Control control T7 mutant-T7 Endostatin Rapamycin (%)

Fig. 60B

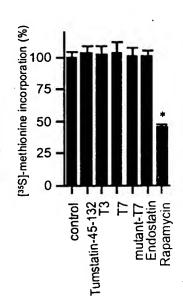


Fig. 60C

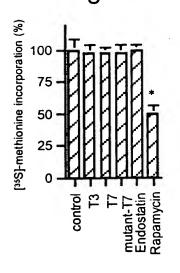
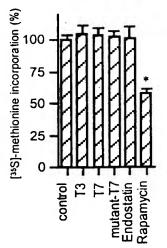


Fig. 60D



Title: ANTI-ANGIOGENIC PROTEINS AND

Fig. 60E

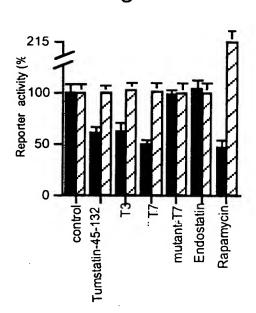


Fig. 60F

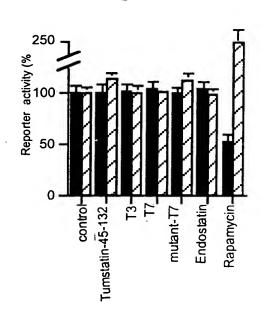


Fig. 60G

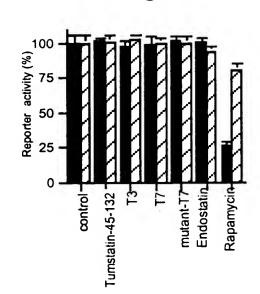


Fig. 60H

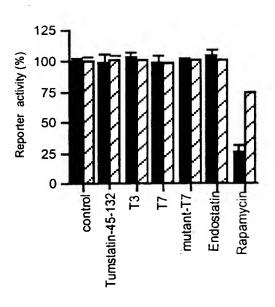


Fig. 61A

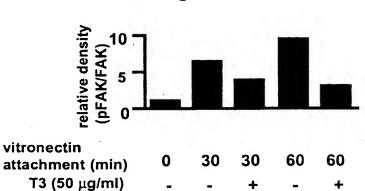
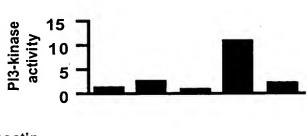
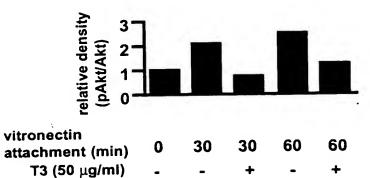


Fig. 61B



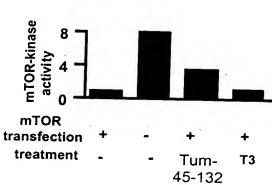
vitronectin 30 60 60 attachment (min) T3 (50 μg/ml)

Fig. 61C



at goth goth mate come configurate ...t. H. after these and the state of the state of

Fig. 61D



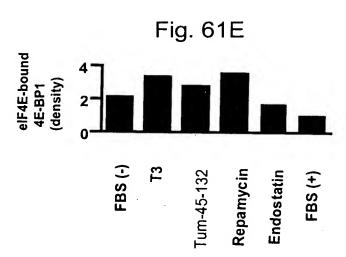
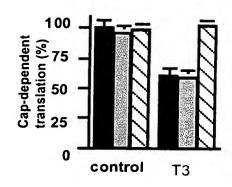
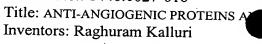


Fig. 61F





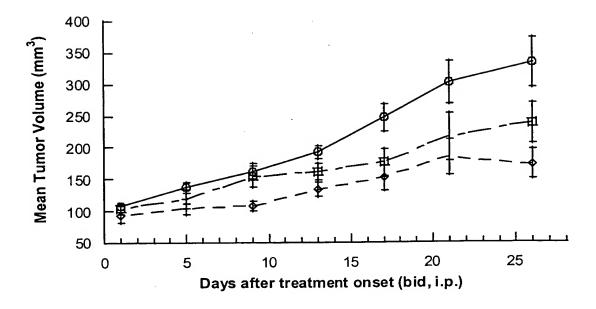


Fig. 62

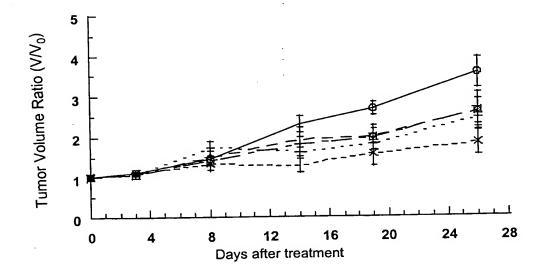


Fig. 63

tle: ANTI-ANGIOGENIC PROTEINS AND

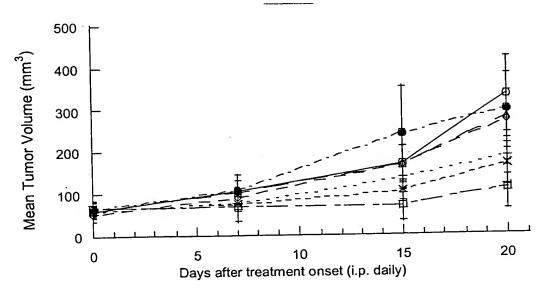


Fig. 64A

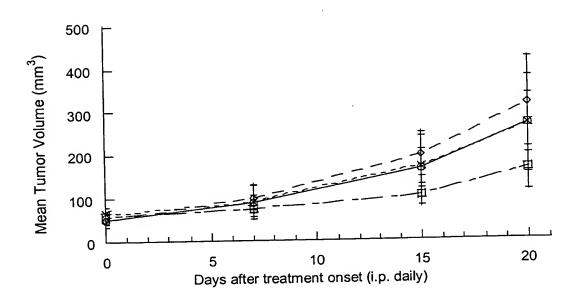


Fig. 64B

 Docket No.: 1440.1027-016

Title: ANTI-ANGIOGENIC PROTEINS AND

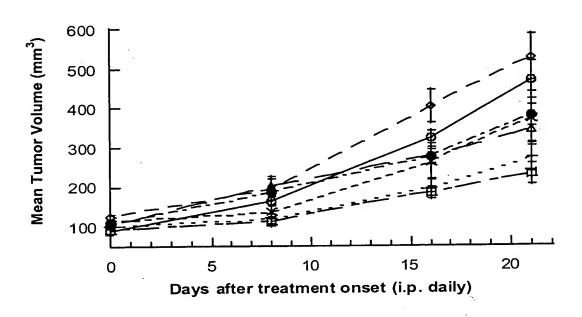


Fig. 65A

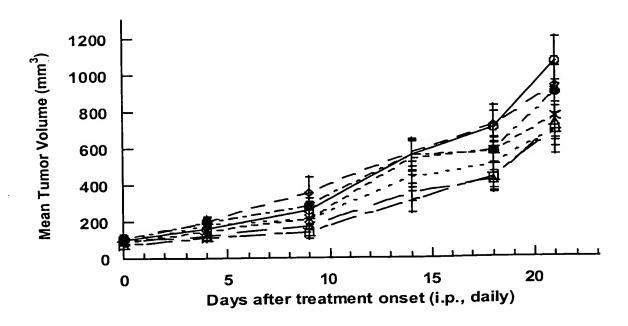


Fig. 65B